

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		Applicant Number	10/054,579
		Filing Date	Jan 22, 2002
		First Named Inventor	Turner
		Group Art Unit	1849 1652
		Examiner Name	Not Yet Assigned Monshipour
Sheet 1 of 3	Attorney Docket Number	LEX-0300-USA	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document Number Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
re.re.	AA	4,215,051	Schroeder et al	07/29/80	
	AB	4,376,110	David et al	03/08/83	
	AC	4,594,595	Struckman	06/10/86	
	AD	4,631,211	Houghten	12/23/86	
	AE	4,689,405	Frank et al	08/25/87	
	AF	4,713,326	Dattagupta et al	12/15/87	
	AG	4,873,191	Wagner et al	10/10/89	
	AH	4,946,778	Ladner et al	08/07/90	
	AI	5,252,743	Barrett et al	10/12/93	
	AJ	5,272,057	Smulson et al	12/21/93	
	AK	5,424,186	Fodor et al	06/13/95	
	AL	5,445,834	Fodor et al	08/29/95	
	AM	5,459,127	Feigner et al	10/17/95	
	AN	5,556,752	Lockhart et al	09/17/96	
	AO	5,700,637	Southern	12/23/97	
	AP	5,723,323	Kauffman et al	03/03/98	
re.re.	AQ	5,744,305	Fodor et al	04/28/98	
	AR	5,780,291	Reden et al	07/14/98	
re.re.	AS	5,817,479	Van Den Berg	10/20/98	
	AT	5,830,721	Stemmer et al	11/03/98	
	AU	5,837,458	Minshull et al	11/17/98	
	AV	5,869,336	Meyer et al	02/09/99	
	AW	5,877,397	Lonberg et al	03/02/99	
	AX	5,948,767	Scheule et al	09/07/99	
	AY	6,075,181	Kuchelapati et al	06/13/00	
	AZ	6,110,490	Thierry	08/29/00	
	BA	6,114,598	Kuchelapati et al	09/05/00	
	BB	6,117,679	Stemmer	09/12/00	
re.re.	BC	6,150,584	Kuchelapati et al.	11/21/00	

Examiner Signature	<i>Monshipour</i>	Date Considered	2/12/04
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Substitute for form 1449B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/054,579
		Filing Date	Jan 22, 2002
		First Named Inventor	Turner
		Group Art Unit	1643 1652
		Examiner Name	Not Yet Assigned MonShipour
Sheet 2 of 3	Attorney Docket Number	LEX-0300-USA	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
re. re.	BD	Bird et al, 1988, "Single-Chain Antigen-Binding Proteins", Science 242:423-426.	
	BE	Bitter et al, 1987, "Expression and Secretion Vectors for Yeast", Methods in Enzymology 153:516-544.	
	BF	Colbere-Garapin et al, 1981, "A New Dominant Hybrid Selective Marker for Higher Eukaryotic Cells", J. Mol. Biol. 150:1-14.	
	BG	Cote et al, 1983, "Generation of human monoclonal antibodies reactive with cellular antigens", PNAS 80:2026-2030.	
	BH	Gautier et al, 1987, "α-DNA IV: α-anomeric and β-anomeric tetrathymidylates covalently linked to intercalating oxazopyridocarbazole. Synthesis, physicochemical properties and poly (rA) binding", Nucleic Acids Research 15(16):6625-6641.	
	BI	Gordon, 1989, "Transgenic Animals", International Review of Cytology, 115:171-229.	
	BJ	Greenspan et al, 1993, "Idiotypes: structure and immunogenicity", FASEB Journal 7:437-444.	
	BK	Gu et al, 1994, "Deletion of a DNA Polymerase β Gene Segment in T Cells Using Cell Type-Specific Gene Targeting", Science 265:103-106.	
	BL	Huse et al, 1989, "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", Science 246:1275-1281.	
	BM	Huston et al, 1988, "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in Escherichia coli", Proc. Natl. Acad. Sci. USA 85:5879-5883.	
	BN	Inoue et al, 1987, "Sequence-dependent hydrolysis of RNA using modified oligonucleotide splints and RNase H", FEBS Letters 215(2):327-330.	
	BO	Inoue et al, 1987, "Synthesis and hybridization studies on two complementary nona(2'-O-methyl)ribonucleotides", Nucleic Acids Research 15(15):6131-6149.	
	BP	Inouye & Inouye, 1985, "Up-promoter mutations in the lpp gene of Escherichia coli", Nucleic Acids Research 13(9):3101-3110.	
	BQ	Janknecht et al, 1991, "Rapid and efficient purification of native histidine-tagged protein expressed by recombinant vaccinia virus", PNAS 88:8972-8976.	
	BR	Kohler & Milstein, 1975, "Continuous cultures of fused cells secreting antibody of predefined specificity", Nature 256:495-497.	
	BS	Lakso et al, 1992, "Targeted oncogene activation by site-specific recombination in transgenic mice", Proc. Natl. Acad. Sci. USA 89:6232-6236.	
	BT	Lavitrano et al, 1989, "Sperm Cells as Vectors for Introducing Foreign DNA into Eggs: Genetic Transformation of Mice", Cell 57:717-723.	
	BU	Lo, 1983, "Transformation by Iontophoretic Microinjection of DNA: Multiple Integrations without Tandem Insertions", Mol. & Cell. Biology 3(10):1803-1814.	
	BV	Logan et al, 1984, "Adenovirus tripartite leader sequence enhances translation of mRNAs late after infection", Proc. Natl. Acad. Sci. USA 81:3655-3659.	
	BW	Lowy et al, 1980, "Isolation of Transforming DNA: Cloning the Hamster apt Gene", Cell 22:817-823.	
	BX	Morrison et al, 1984, "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains", Proc. Natl. Acad. Sci. USA 81:6851-6855.	
	BY	Mulligan & Berg, 1981, "Selection for animal cells that express the Escherichia coli gene coding for xanthine-guanine phosphoribosyltransferase", Proc. Natl. Acad. Sci. USA 78(4):2072-2076.	
	BZ	Neuberger et al, 1984, "Recombinant antibodies possessing novel effector functions", Nature 312:604-608.	
	CA	Nisonoff, 1991, "Idiotypes: Concepts and Applications", J. of Immunology 147:2429-2438.	
re. re.	CB	O'Hare et al, 1981, "Transformation of mouse fibroblasts to methotrexate resistance by a recombinant plasmid expressing a prokaryotic dihydrofolate reductase", Proc. Natl. Acad. Sci. USA 78(3):1527-1531.	

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Substitute for form 1449B/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			Application Number	10/054,579	
			Filing Date	Jan 22, 2002	
			First Named Inventor	Turner	
			Group Art Unit	1648 1652	
			Examiner Name	Not Yet Assigned Monshipoul	
Sheet	3	of	3	Attorney Docket Number	LEX-0300-USA

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
re. n.	CC	Ruther et al, 1983, "Easy identification of cDNA clones", EMBO Journal 2(10):1791-1794.	
	CD	Santerre et al, 1984, "Expression of prokaryotic genes for hygromycin B and G418 resistance as dominant-selection markers in mouse L cells", Gene 30:147-156.	
	CE	Sarin et al, 1988, "Inhibition of acquired immunodeficiency syndrome virus by oligodeoxynucleoside methylphosphonates", Proc. Natl. Acad. Sci. USA 85:7448-7451.	
	CF	Smith et al, 1983, "Molecular Engineering of the Autographa californica Nuclear Polyhedrosis Virus Genome: Deletion Mutations within the Polyhedrin Gene", J. Virol. 46(2):584-593.	
	CG	Stein et al, 1988, "Physicochemical properties of phosphorothioate oligodeoxynucleotides", Nucleic Acids Research 16(8):3209-3221.	
	CH	Szybalska & Szybalski, 1962, "Genetics of Human Cell Lines, IV. DNA-Mediated Heritable Transformation of a Biochemical Trait", Proc. Natl. Acad. Sci. USA 48:2026-2034.	
	CI	Takeda et al, 1985, "Construction of chimaeric processed immunoglobulin genes containing mouse variable and human constant region sequences", Nature 314:452-454.	
	CJ	Thompson et al, 1989, "Germ Line Transmission and Expression of a Corrected HPRT Gene Produced by Gene Targeting in Embryonic Stem Cells", Cell 56:313-321.	
	CK	Van Der Putten et al, 1985, "Efficient insertion of genes into the mouse germ line via retroviral vectors", Proc. Natl. Acad. Sci. USA 82:6148-6152.	
	CL	Van Heeke et al, 1989, "Expression of Human Asparagine Synthetase in Escherichia coli", J. Biol. Chemistry 264(10):5503-5509.	
	CM	Ward et al, 1989, "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli", Nature 341:544-546.	
	CN	Wigler et al, 1977, "Transfer of Purified Herpes Virus Thymidine Kinase Gene to Cultured Mouse Cells", Cell 11:223-232.	
re. n.	CO	Wigler et al, 1980, "Transformation of mammalian cells with an amplifiable dominant-acting gene", Proc. Natl. Acad. Sci. USA 77(6):3567-3570.	

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# **SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

Sheet 1 of 1  
(use as many sheets as necessary)

Application Number 10/054,579  
Filing Date January 22, 2002  
First Name of Inventor Turner  
Group Art Unit 1646 1652  
Examiner Name Not Yet Assigned  
Attorney Docket Number LEX-0300-USA

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document Number Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Office Number <sup>4</sup> Kind Code <sup>5</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
r.e.	CP	WO 01/81588 A2	Millennium Pharmaceuticals	11-01-2001		

## **OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
r.e.	CQ	DATABASE EMBL 'Online! EBI, Hinxton, Cambridgeshire, U.K.; 8 June 1998, STANCHI ET AL: "Homo sapiens mRNA for putative serine/threonine protein kinase, partial" Database accession no. AJ06701, XP002227865. Jun 1998	
r.e.	CR	DATABASE SWISSPROT 'Online! EBI, Hinxton, Cambridgeshire, U.K.; 1 July 1998, STANCHI ET AL: "Putative serine/threonine protein kinase (Fragment)." Database accession no. 060843, XP002227866. Aug 1998	
r.e.	CS	HANKS S K ET AL: "PROTEIN KINASE CATALYTIC DOMAIN SEQUENCE DATABASE: IDENTIFICATION OF CONSERVED FEATURES OF PRIMARY STRUCTURE AND CLASSIFICATION OF FAMILY MEMBERS: MELK-SYSTEME BOU-MATIC, OLDENBURG, DE, vol. 200, 1991, pages 38-62, XP000563379, page 38-page 62.	
r.e.	CT	HANKS S K ET AL: "THE PROTEIN KINASE FAMILY: CONSERVED FEATURES AND DEDUCED PHYLOGENY OF THE CATALYTIC DOMAINS" SCIENCE, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, US, vol. 241, no. 4861, 1 July 1988, pages 42-52, XP000613735, ISSN: 0036-8075, page 42 - page 52.	
r.e.	CU	HANKS S K ET AL: "THE EUKARYOTIC PROTEIN KINASE SUPERFAMILY: KINASE (CATALYTIC) DOMAIN STRUCTURE AND CLASSIFICATION" FASEB JOURNAL, FED. OF AMERICAN SOC. FOR EXPERIMENTAL BIOLOGY, BETHESDA, MD, US, vol. 9, May 1995, pages 576-596-, XP001078836, issn: 0892-6638, page 576-page 596.	
r.e.	CV	HANKS S K ET AL: "USE OF DEGENERATE OLIGONUCLEOTIDE PROBES TO IDENTIFY CLONES THAT ENCODE PROTEIN KINASES" METHODS IN ENZYMOLOGY, ACADEMIC PRESS INC, SAN DIEGO, CA, US, vol. 200, 1991, pages 525-532-XP001096015, ISSN: 0076-6879, page 525 - page 532.	
	CW	International Search Report	

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